



Virginia Department of Health Division of Tuberculosis Control

*Providing leadership in
overcoming barriers to protect the
people of Virginia from tuberculosis*

Summary of the 2002 Tuberculosis Statistics in the State of Virginia

The following categorical summaries present the 2002 statistics for TB disease only, not TB infection. TB disease is reportable, but TB infection in adults is not. A "TB case" is a person with confirmed, active TB disease. "Foreign-born" indicates birth outside the US and in a country where TB prevalence is high.

GEOGRAPHIC DISTRIBUTION

Central Region

- 45 cases (14.3%)
11.1% decrease from 2001

Eastern Region

- 53 cases (16.8%)
5.7% increase from 2001

Northern Region

- 177 (56.2%) TB cases, a 1.7% increase from 2001
- 87% of the 177 cases were foreign-born; and, a majority (61.6%) of them have lived in the US for less than 5 years
- 15 primary languages (other than English) spoken, and 38 different nationalities represented
- 82% of the total foreign-born TB cases (189) in Virginia were in this region

Northwest Region

- 15 cases (4.8%)
20% increase from 2001

Southwest Region

- 25 cases (7.9%)
20% increase from 2001

COUNTRY OF ORIGIN

- 189 (60%) persons were born outside the US, a decrease of 2.1% from 2001 (193 cases)
- 42 countries of origin, and 17 primary languages spoken
- Of the 189 cases, 111 (58.7%) have lived in the US less than 5 years
- Prior to 2000, less than 50% of the cases in Virginia were born outside the US

TB/AIDS (TB/HIV CO-INFECTION)

- 181 persons with TB tested for HIV in 2002
- 13 cases of TB/HIV co-infection, a decrease of 55% from 2001
- 7 (53.8%) of the 13 cases were persons born outside the US and in 7 different countries
- 2002 statistic lowest since 1997, when there were 14 TB/AIDS cases

TB in persons who are positive for the HIV infection is an AIDS-defining illness, therefore necessitating expert, appropriate and accurate management of TB in said persons.

**Number of Confirmed, Active TB Disease Cases in 2002:
315 cases, a 2.9% increase from 2001 (306)**

AGE DISTRIBUTION

Age Range	TB statistic
0-14 years	16 cases (5.1%)
15-24 years	36 cases (11.4%)
25-44 years	114 cases (36.2%)
45-64 years	83 cases (26.3%)
65 and older	66 cases (21.0%)

- 166 (52.7%) cases of TB were in persons below the age of 45, a decrease of 6.0% from 2001
- 114 (36.2%) cases of TB were in persons 25-44 years, an economically productive group
- A rise in cases of TB in persons 65 years of age or older, 21.3% in 2002

**Deaths from TB:
14 (4.4% of 315 cases)**

DRUG RESISTANCE

General Drug Resistance

- 255 (97.3%) TB cases had a drug susceptibility test performed
- 32 (12.2%) cases had resistance to at least one drug
- 22 (68.8%) of the 32 cases had single drug resistance
- Over 62% of the 32 cases had INH resistance
- 26 (81.3%) were foreign-born
- Cases ranged in ages from 6-92 years, with the mean of 40

Multi-Drug Resistance (MDR)

- 4 cases of MDR-TB in 2002, a 60% decrease from 2001 when there were 10 cases
- 3 cases were foreign-born and had lived in the US for less than 5 years
- Cases ranged in ages from 16-43 years, with the mean of 30 -younger than the group that had general drug resistance